

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 7 | (cpm\$1 or (position\$1 near3 modulat\$4)) and shift\$4 with revers\$4 same (pn\$1 or chip\$1 or prn\$1 or pseudorandom\$1) near3 (sequence\$1 or cod\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/26 12:08 |
| S2 | 8 | shift\$4 with revers\$4 same (pn\$1 or chip\$1 or prn\$1 or pseudorandom\$1) near3 (sequence\$1 or cod\$4) same (baseband\$1 or (base near2 band\$1) or (i near2 phase\$1 with quadrature\$1) or (i near2 q)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/25 17:42 |
| S3 | 10 | ((circula\$5 near3 shift\$4) or (ring\$4 near2 (buffer\$1 or register\$1)) or (intra\$1 near2 symbol\$1 near3 rotat\$4)) same (pn\$1 or chip\$1 or prn\$1 or pseudorandom\$1) near3 (sequence\$1 or cod\$4) same (baseband\$1 or (base near2 band\$1) or (i near2 phase\$1 with quadrature\$1) or (i near2 q)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/26 12:09 |
| S4 | 13 | (cpm\$1 or (position\$1 near3 modulat\$4)) and shift\$4 near3 circul\$6 same (pn\$1 or chip\$1 or prn\$1 or pseudorandom\$1) near3 (sequence\$1 or cod\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/25 18:03 |
| S5 | 99 | ((circula\$5 near3 shift\$4) or (ring\$4 near2 (buffer\$1 or register\$1)) or (intra\$1 near2 symbol\$1 near3 rotat\$4)) same (baseband\$1 or (base near2 band\$1) or (i near2 phase\$1 with quadrature\$1) or (i near2 q)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/26 12:08 |
| S7 | 8 | ((circula\$5 near3 shift\$4) or (ring\$4 near2 (buffer\$1 or register\$1)) or (intra\$1 near2 symbol\$1 near3 rotat\$4)) same (baseband\$1 or (base near2 band\$1) or (i near2 phase\$1 with quadrature\$1) or (i near2 q)) and (cpm\$1 or ppm\$1 or pcm\$1 or (position\$4 near3 modulat\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/25 17:52 |
| S8 | 9 | (csk\$4 or (cod\$4 near3 shift\$4 near3 key\$4)) same constellation\$1 same shift\$4 with (pn\$1 or prn\$1 or chip\$1 or pseudorandom\$1 or pseudo\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/25 18:05 |

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| S10 | 6 | constellation\$1 same ((i near3 q) or (in near2 phase\$1 with quadrature\$1) or (imaginar\$3 with real\$1)) same shift\$4 with (pn\$1 or prn\$1 or chip\$1 or pseudorandom\$1 or pseudo\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/25 18:16 |
| S11 | 5 | constellation\$1 and shift\$4 with revers\$4 same ((i near3 q) or (in near2 phase\$1 with quadrature\$1) or (imaginar\$3 with real\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/26 13:47 |
| S12 | 53 | shift\$4 same revers\$4 with (pn\$1 or prn\$1 or chip\$1 or pseudo\$1 or pseudorandom\$1) same ((i near3 q) or (in near2 phase\$1 with quadrature\$1) or (imaginar\$3 with real\$1) or baseband\$1 or (base near2 band\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/25 18:22 |
| S13 | 4101 | (375/130,135,136,140,141,142, 143,146,147,150,152).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/26 12:08 |
| S14 | 16 | S13 and ((circula\$5 near3 shift\$4) or (ring\$4 near2 (buffer\$1 or register\$1)) or (intra\$1 near2 symbol\$1 near3 rotat\$4)) same (baseband\$1 or (base near2 band\$1) or (i near2 phase\$1 with quadrature\$1) or (i near2 q)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/26 12:09 |
| S15 | 6 | S13 and ((circula\$5 near3 shift\$4) or (ring\$4 near2 (buffer\$1 or register\$1)) or (intra\$1 near2 symbol\$1 near3 rotat\$4)) same (pn\$1 or chip\$1 or prn\$1 or pseudorandom\$1) near3 (sequence\$1 or cod\$4) same (baseband\$1 or (base near2 band\$1) or (i near2 phase\$1 with quadrature\$1) or (i near2 q)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/26 12:10 |
| S18 | 5 | constellation\$1 and shift\$4 with (revers\$4 or reciprocal\$1) same ((i near3 q) or (in near2 phase\$1 with quadrature\$1) or (imaginar\$3 with real\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/26 13:47 |
| S21 | 35 | transmit\$4 and qam\$1 and (pn\$1 or prn\$1 or chip\$1 or pseudo\$1 or pseudorandom\$1) near3 (sequence\$1 or code\$1) with shift\$4 same ((i near3 q) or (in near2 phase\$1 with quadrature\$1) or (imaginar\$3 with real\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/26 15:56 |

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| S22 | 45 | transmit\$4 and qam\$1 and (pn\$1 or prn\$1 or chip\$1 or pseudo\$1 or pseudorandom\$1 or spread\$4 or despread\$4) near3 (sequence\$1 or code\$1) with shift\$4 same ((i near3 q) or (in near2 phase\$1 with quadrature\$1) or (imaginar\$3 with real\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/26 15:58 |
| S23 | 184 | transmit\$4 and qam\$1 and (pn\$1 or prn\$1 or chip\$1 or pseudo\$1 or pseudorandom\$1) near3 (sequence\$1 or code\$1) with shift\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/08/26 17:12 |